



Department of Energy

Idaho Operations Office
850 Energy Drive
Idaho Falls, Idaho 83401-1563

September 24, 1996

Mr. Wayne Pierre, Team Leader
Environmental Cleanup Office
U. S. Environmental Protection Agency Region X
1200 Sixth Avenue
Seattle, WA 98101

Mr. Dean Nygard, Acting Bureau Chief
Idaho Department of Health and Welfare Division of Environmental Quality
Community Services
1410 North Hilton
Boise, ID 83706-1255

SUBJECT: Transmittal of First Round (July 1996) Ground Water Sampling Analytical Data for
Operable Unit 4-12 Central Facilities Area Post-Record of Decision Monitoring -
(OPE-ER-139-96)

Dear Mr. Pierre and Mr. Nygard:

You will find enclosed the subject limitations and validation reports. These data were generated in support of the Central Facilities Area (CFA) Post-Record of Decision (ROD) Monitoring for Operable Unit (OU) 4-12, the CFA Landfills I, II, and III. Included in this transmittal are data from landfill (LF) aquifer wells LF 2-9, 2-10, 3-8, 3-9, 3-10, and the USGS Well 95. Three other aquifer wells south of CFA, sampled to support the OU 4-13 remedial investigation/feasibility study (RI/FS) included CFA-MON-001, -002, and -003. All of these data were validated at method validation level "A" as described in the Lockheed Martin Idaho Technologies Company (LMITCo) Company Technical Procedure (TPR)-79, "Levels of Analytical Method Data Validation."

A preliminary evaluation was performed on these data. The concentrations of all analytes detected above the practical quantitation limit were compared with the corresponding maximum contaminant level (MCL) for that analyte. No analytes were detected above MCLs. The evaluation also revealed that toluene was detected in well LF 2-9 (22 µg/L) and trimethylbenzene (4 µg/L) was detected in CFA-MON-001. These data will be evaluated further in the OU 4-12 Post-ROD Monitoring review and in the OU 4-13 RI/FS.

Mr. Pierre
Mr. Nygard

-2-


September 24, 1996

This transmittal includes sample delivery groups (SDGs): 4MQ00101C1, 4MQ00501C1, 4MQ00101A1, 4MQ00501A1, 4MQ00101VG, 4MQ00501VG, 4MQ00501R5, 4MQ00101R5, 4MQ00201R5, 4MQ00301R5, 4MQ00401R5, 4MQ00601R5, 4MQ00701R5, 4MQ00801R5, 4MQ01201R5, 4MQ01301R5, and 4MQ01401R5.

The 75-day goal date for transmittal of these data is September 25, 1996. The data is provided for your information.

If you have any questions regarding this matter or desire additional copies of the enclosure, then please contact me at (208) 526-0436 or Alan J. Dudziak of my staff at (208) 526-7027.

Sincerely,


for Nolan R. Jensen, Acting Manager
Environmental Restoration Program

Enclosures

cc: H. Orlean, EPA, ECL-113, 1200 Sixth Avenue, Seattle, WA 98101 (w/2)
D. Hovland, IDHW, 1410 N. Hilton, Boise, ID 83706 (w/2)
S. Rosenberger, IDHW EIRO, 900 North Skyline, Suite B, Idaho Falls, ID 83402 (w/3)

From: DUDZIAAJ--INELMAIL

Date and time 10/03/96 12:04:36

From: Dudziak, Alan J

To: SHAWNIX --INELMAIL Rosenberger, Shawn A.
HOWARDX --INELMAIL Orlean, Howard
HOVLAND --INELMAIL Hovland, R D.
PIERREX --INELMAIL Pierre, Wayne

cc: JENSENNR--INELMAIL Jensen, Nolan R.

Subject: Correction: Data Transmittal letter OPE-ER-139-96.

(Dave Hovland please forward to Dean Nygard.)

Reference: Letter, Nolan Jensen (DOE-ID) to Wayne Pierre (EPA) and Dean Nygard, dated September 24, 1996, subject: "Transmittal of First Round (July 1996) Ground Water Sampling Analytical Data for Operable Unit 4-12 Central Facilities Area Post-Record of Decision Monitoring - (OPE-ER-139-96)."

Gentlemen,

I'm writing to correct an error in the referenced letter which we recently sent to you. As noted in the forwarded message, there WAS a constituent which exceeded its MCL, namely cadmium in well LF 2-9 which, at 7.0 ug/l, exceeded the MCL of 5 ug/l but was below the risk-based concentration of 18 ug/l.

We regret the error and hope it has caused you no inconvenience.

Please reply or call if you have any questions regarding this matter.

Thank you very much.

Alan J. Dudziak, DOE-ID
Waste Area Group 4 Project Manager

Forward Header

Subject: Corrections Data Transmittal letter OPE-ER-139-96.

Author: Steven McCormick (INELMAIL.SHM) at EMS

Date: 10/2/96 8:18 AM

Alan, Greg Cotten pointed out to me an error in our transmittal letter related to the preliminary evaluation of data. The letter stated that no constituent exceeded its MCL. Actually, cadmium in well LF 2-9 (7.0 ug/L) exceeded the MCL of 5 ug/L. The concentration of cadmium is below the risk-based concentration of 18 ug/L. If there are any question please call.